

## REMARKS

The above-identified patent application has been amended and Applicants respectfully request the Examiner to reconsider and again examine the claims as amended.

Claims 1 to 33 are pending in the application. Claims 34 and 35 have been canceled. Claims 1 to 33 were rejected. Claims 1, 7, 15, 18, 19, and 33 are amended herein.

Applicants note that claims 34 and 35 were withdrawn from consideration as being directed to a non-elected invention. Applicants have canceled claims 34 and 35 accordingly.

Applicants note the Examiner's objection to the use of the terminology of "adapted to" and "capable to" and have amended the claims to eliminate such use.

Applicants note the Examiner's rejection of Claim 33 under 35 U.S.C. 112, first paragraph and have amended the claim in view of the Examiner's remarks.

The Examiner rejected Claims 1, 7, 15, 18 and 19 under 35 U.S.C. §112, second paragraph. Applicants have amended Claims 1, 7, 15, 18 and 19 and submit that Claims 1, 7, 15, 18 and 19 are now proper under 35 U.S.C. §112, second paragraph.

The Examiner rejected Claim 33 under 35 U.S.C. §102 and rejected Claims 1-32 under 35 U.S.C. §103(a) as being unpatentable over Siewert et al. (U.S. Patent number 5,892,299) in view of Hart (U.S. Patent number 6,236,949) and Cole et al. (U.S. Patent number 2,135,250).

The Examiner states that the power system of Siewert does provide the capability to be connected in a "mesh topology" wherein multiple power supplies (1-N), busses (SPSS) or loads (1 to M) can be connected as shown in Figure 12. Applicants submit that Siewert teaches a power transfer device for applying backup power to electrical systems having an internal direct

current (DC) bus. A review of Figure 12 shows Siewert teaches a plurality of power sources connected to a SPSS (simultaneous power supply source) power bus 1210 to provide power to a plurality of power conditioners. Each of the power conditioners 400 can provide a different voltage to each subgroup common power bus 1220, 1230 respectively. The latter is arranged as shown in Applicant's Fig. 1. Applicant teaches an arrangement where each subsystem is connected individually to every other subsystem and not using a common bus as taught by Siewert. Applicants system teaches a power source regulated bus having a plurality of interconnection lines to connect a plurality of subsystems, each subsystem connected individually to every other subsystem using the plurality of interconnection lines of the power source regulated bus which is not taught or suggested by Siewert.

It is respectfully submitted that Claim 1, as amended, is patentable over Siewert et al. in view of Hart and Cole et al., since Siewert et al. in view of Hart and Cole et al. neither describe nor suggest "...a power source regulated bus having a plurality of interconnection lines to connect a plurality of subsystems, each subsystem connected individually to every other subsystem using the plurality of interconnection lines of the power source regulated bus ...."

As Claims 2 through 6 depend from allowable Claim 1 and cite additional structure, they too are allowable for analogous reasons.

It is respectfully submitted that Claim 7, as amended, is patentable over Siewert et al. in view of Hart and Cole et al., since Siewert et al. in view of Hart and Cole et al. neither describe nor suggest "... a subsystem regulated bus having a plurality of interconnection lines to connect a plurality of subsystems, each subsystem connected individually to every other subsystem using the plurality of interconnection lines of the subsystem regulated bus ...."

As Claims 8 through 14 depend from allowable Claim 7 and cite additional structure, they too are allowable for analogous reasons.

It is respectfully submitted that Claim 15, as amended, is patentable over Siewert et al. in view of Hart and Cole et al., since Siewert et al. in view of Hart and Cole et al. neither describe nor suggest “a plurality of interconnects connecting said common power source component and said at least two or more power system subsystem components, each one of the at least two or more power subsystem components connected to every other like power system subsystem component using the plurality of interconnects.”

As Claims 16 and 17 and 20 through 32 depend from allowable Claim 15 and cite additional structure, they too are allowable for analogous reasons.

Dependent Claim 18 adds the limitation “... a power source regulated bus having a plurality of interconnection lines to connect a plurality of subsystem components, each subsystem component connected individually to every other subsystem component using the plurality of interconnection lines of the power source regulated bus...” to claim a further patentably distinct feature of the invention.

Dependent Claim 19 adds a further patentably distinct feature of the invention reciting “... a subsystem regulated bus having a plurality of interconnection lines to connect a plurality of subsystem components, each subsystem component connected individually to every other subsystem component using the plurality of interconnection lines of the subsystem regulated bus ....”

Independent Claim 33 is patentable over the cited references, since the cited references fail to teach “...a first interconnect with a plurality of power connections connecting all said power system subsystem components using a respective one of the plurality of power connections of the first interconnect to connect to each one of the plurality of power system subsystem components ....”

Appl. No. 10/692,580  
Response to Office Action dated March 13, 2006

Docket No. RTN-183AUS

Applicants have submitted herewith a Petition for an Extension of Time for three months with authorization to charge Daly, Crowley, Mofford & Durkee, LLP Deposit Account No. 50-0845 to cover the costs of the petition.

The Examiner is respectfully invited to telephone the undersigning attorney if there are any questions regarding this Response or this application.

The Assistant Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-0845, including but not limited to, any charges for extensions of time under 37 C.F.R. §1.136.

Accordingly, re-examination and reconsideration are requested in view of the above amendment and remarks.

Respectfully submitted,

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